

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF

6

1. CONTRACT/PURCH ORDER/AGREEMENT NO.

N68936-99-D-0031

2. DELIVERY ORDER/CALL NO.

0004

3. DATE OF ORDER/CALL

(YYYYMMDD)

2000 08 30

4. REQUESTION/PURCH REQUEST NO.

See Herein

5. PRIORITY

DOA7

6. ISSUED BY

CODE

N63126

7. ADMINISTERED BY (If other than 6)

CODE

S0512A

8. DELIVERY FOB

☒ DESTINATION

☐ OTHER
(See Schedule if other)

T&E and Logistics Contracts Dept.
NAWCWPNS Code 230000E
521 Ninth St, Bldg. 65
Point Mugu, CA 93042-50001

DCMC Van Nuys
6230 Van Nuys Blvd.
Van Nuys, CA 91401-2713

9. CONTRACTOR

CODE

9Z710

FACILITY

10. DELIVERY TO FOB POINT BY (DATE)
(YYYYMMDD)

12. DISCOUNT TERMS

13. MAIL INVOICE TO THE ADDRESS IN BLOCK

See Block 15

NAME AND ADDRESS
CTA, Inc.
900 Heritage Dr. Bldg. A
Ridgecrest, CA 93555

14. SHIP TO

CODE

SEE SCHEDULE

15. PAYMENT WILL BE MADE BY

CODE

SC1004

DFAS Columbus Center
West Entitlement Operations
PO Box 182381 EFT: T
Columbus OH 43218-2381

MARK ALL

PACKAGES AND

PAPERS WITH

IDENTIFICATION

NUMBERS IN

18. TYPE

DELIVERY

☒

OF

PURCHASE

Reference your

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR

SIGNATURE

TYPED NAME AND TITLE

DATE SIGNED

If this box is marked, supplier must sign Acceptance and return the following number of copies.

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE

See Herein

19. ITEM NO.

19. SCHEDULE OF SUPPLIES/SERVICES

SEE HEREIN

20. QUANTITY ORDERED/ACCEPTED

21. UNIT

22. UNIT PRICE

23. AMOUNT

If quantity accepted by the Government is same as quantity ordered, indicate by X.
If different, enter actual quantity accepted below

partly ordered and accepted

24. QUANTITY IN COLUMN 23 HAS BEEN

☐ INSPECTED

☐ RECEIVED

ACCEPTED AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

BY: NATHAN SIMPSON

Nathan Simpson

CONTRACTING/ORDERING

27. SHIP. NO.

28. D.O. VOUCHER NO.

PARTIAL

FINAL

31. PAYMENT

COMPLETE

PARTIAL

32. PAID BY

29. TOTAL

3,238,691.00

30. DIFFERENCES

36. INITIALS

33. AMOUNT VERIFIED CORRECT FOR

34. CHECK NUMBER

35. BILL OF LADING NO.

42. S/R VOUCHER NO.

DATE

SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

30. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.

DATE

SIGNATURE AND TITLE OF CERTIFYING OFFICER

37. RECEIVED AT

38. RECEIVED BY (Print)

39. DATE RECEIVED

(YYYYMMDD)

40. TOTAL CONTAINERS

41. S/R ACCOUNT NUMBER

I. SUPPLIES/SERVICES:

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
0001	Have Ham Modulator Subsystem (SOW 3.1)	
	MAX ESTIMATED COST	
	BASE FEE	
	MAX AWARD FEE	
	TOTAL COST + AWARD FEE	
	MATERIAL ESTIMATED COST	
	MATERIAL FEE	
	CLIN TOTAL	\$ 933,362
0001AA	8 Each Have Ham Modulators Subsystems	\$
0001AB	7 Each Have Ham Modulators Subsystems	\$
0002	HH Modulator System Upgrade (SOW 3.2)	
	MAX ESTIMATED COST	
	BASE FEE	
	MAX AWARD FEE	
	TOTAL COST + AWARD FEE	
	MATERIAL ESTIMATED COST	
	MATERIAL FEE	
	CLIN TOTAL	\$ 651,998
0003	AN/DPT-1 Modifications (SOW 3.3)	
	MAX ESTIMATED COST	
	BASE FEE	
	MAX AWARD FEE	
	TOTAL COST + AWARD FEE	
	MATERIAL ESTIMATED COST	
	MATERIAL FEE	
	CLIN TOTAL	\$ 465,688

AN/DLQ-9 MIDI Pod Prototype (SOW 3.4)

MAX ESTIMATED COST
BASE FEE
MAX AWARD FEE
TOTAL COST + AWARD FEE
MATERIAL ESTIMATED COST
MATERIAL FEE
CLIN TOTAL

259.502

Universal Frequency Translator (UFT) Prototype (SOW 3.5)

MAX ESTIMATED COST
BASE FEE
MAX AWARD FEE
TOTAL COST + AWARD FEE
MATERIAL ESTIMATED COST
MATERIAL FEE
CLIN TOTAL

126,247

Technique Controller Modulator (TCM) Prototype (SOW 3.6)

MAX ESTIMATED COST
BASE FEE
MAX AWARD FEE
TOTAL COST + AWARD FEE
MATERIAL ESTIMATED COST
MATERIAL FEE
CLIN TOTAL

108.314

TCM Prototype Upgrade (SOW 3.7)

MAX ESTIMATED COST
BASE FEE
MAX AWARD FEE
TOTAL COST + AWARD FEE
MATERIAL ESTIMATED COST
MATERIAL FEE
CLIN TOTAL

289.019

359,321

45240

\$ 3,238,691

In accordance with the clause entitled "Limitation of Cost (APR 1984)" FAR 52.232-20, the amount presently available for payment by the Government and allotted to this Task Order is \$108,314. This amount covers the entirety of CLIN 0006. CLINS 0001 - 0005 and 0007 - 0009 remain unfunded. The contractor shall not commence performance under CLINS 0001 - 0005 and 0007 - 0009 until funding is provided.

The scope of this Task Order is contained within the Statement of Work (SOW), Attachment (1).

IV. PLACE OF DELIVERY/FOB DESTINATION:

The articles to be furnished shall be delivered and all transportation charges paid by the supplier to the Naval Air Warfare Center, Weapons Division, Point Mugu, CA. Deliveries will be accepted Monday through Thursday from 8:00 AM to 4:30 PM. No deliveries will be received on Fridays.

V. INSPECTION AND ACCEPTANCE:

Inspection and acceptance will be performed at destination by the Contracting Officer's Representative (COR).

VI. SHIP TO/MARK FOR:

Each shipment will be clearly marked to show the following information:

SHIP TO:
Receiving Officer
NAWCWD
Point Mugu, CA 93042

MARK FOR:
Contract N68936-99-D-0031
Delivery Order 0004
ATTN: Tom Williams, Code 539400E

VII. PERIOD OF PERFORMANCE:

The period of performance for this Task Order is stated in the SOW, Attachment (1).

VIII. TRAVEL:

Approval for any travel other than that indicated in the SOW shall be obtained in writing from the COR in advance. Costs associated with any travel not so approved by the Contracting Officer will be disallowed.

IX. ACCOUNTING AND APPROPRIATION DATA:

FUNDING IS PROVIDED FOR CLIN 0006 ONLY.

FUNDING FOR CLIN 0006:

AA 97X4930.NH2C 000 77777 0 068936 2F 000000 00016891XI00 \$108,314.00
REQ# N63126-0168091XK ION: A534C0EG11

X. CONTRACTING OFFICER'S REPRESENTATIVE (COR):

The COR is responsible for monitoring the performance and progress as well as overall technical management of this order and should be contacted regarding questions or problems of a technical nature. When, in the opinion of the contractor, the COR requests effort outside the scope of this order, the contractor will promptly notify the Ordering Officer in writing. In no event however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the order between the contractor and any other person other than the Ordering Officer be effective or binding upon the Government.

Only when formalized by proper contractual documents executed by the Ordering Officer within the scope, or if a change order has been issued, shall any modifications or changes to the original contract occur.

On all problems that pertain to contract or order terms, the Contractor will contact the Ordering Officer.

The Ordering Officer is:

Nathan Simpson: Code 230000E 805/989-1303

The COR is:

Rosie Vorwerk: Code 535000D 760/939-0260

The Technical Assistant is:

Tom Williams: Code 539400E 805/989-3538

THREAT SIMULATORS SUBSYSTEM DEVELOPMENT SUPPORT

STATEMENT OF WORK

1.0 SCOPE. The Contractor shall re-engineer, upgrade, design, develop, prototype, fabricate and test the subsystems listed below for the AN/UHQ-21(V), AN/UHQ-24, AN/AST-6, AN/ALQ-167 and AN/UHQ-26(V) ECM simulators. Each subsystem provided by the Contractor shall be based on the Government's applicable specification and/or current drawing package.

2.0 APPLICABLE DOCUMENTS**2.1 Military Standards**

MIL-DTL-31000	Technical Data Packages (for Guidance Only)
MIL-STD-100	Engineering Drawings (for Guidance Only)
MIL-STD-130	Identification Marking of U.S. Military Property (for Guidance Only)
MIL-STD-461	Requirements For Control of Electromagnetic Interference Characteristics of Sub-Systems and Equipment (Interface Standard)
MIL-STD-704	Aircraft Electric Power Characteristics (Interface Standard)
MIL-STD-810	Environmental Test Methods - Engineering Guidelines (for Guidance Only)

2.2 Other Government and Industrial Documents

1611AS9630	Updated Have Ham Modulator Technical Data Package (TDP)
1611AS10313	Have Ham Modulator/Receiver Acceptance Test Procedure (ATP) TDP
1611AS12320	Technique Controller Modulator (TCM) Chassis TDP
1611AS11000	AN/DLQ-9 MIDI Pod TDP
1611AS1380	Universal Frequency Translator (UFT) TDP
1356AS1105-8	AN/ALQ-167 Pod TDP
ISO 9000	International Standards Organization Quality Standard

2.3 Specifications/ Technical Requirements Documents

13672-BW260	Transmitting Set, Radar AN/DPT-1(V)
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3.0 REQUIREMENTS. The Contractor shall perform requirements analysis and modification design, and fabricate and deliver hardware and documentation for the following ECM simulator subsystems: Universal Frequency Translator (UFT), AN/DPT-1 radar transmitting set modifications; HAVE HAM Modulator, Technique Control Modulator (TCM), AN/DLQ-9 MIDI Pod and the AN/ALQ-167 pod. Tasking shall include existing subsystem variant design; subsystems fabrication; documentation updates reflecting current designs/fabricated subsystems; and verification and validation of existing design documentation. This effort shall be performed under the premises of ISO-9000.

3.1 Have Ham Modulator Subsystem. The Contractor shall provide fifteen prototype (15) Have Ham Modulators. The subsystems shall meet the drawing package requirements referenced in paragraph 2.2 and shall incorporate any new design specifications and/or requirements provided by the Government. The Contractor shall analyze and research the use of alternate vendors, availability of parts, and manufacturing processes to reduce cost and improve subsystem capability/upgradeability. The Contractor shall document any proposed design changes and obtain approval from the Government prior to upgrade fabrication in accordance

with CDRL A001. Upon Government approval the Contractor shall prototype fifteen (15) subsystems and update all design documentation to reflect the as-built configuration. The Contractor shall generate documentation on a Government approved Contractor CAD/CAE system in accordance with SOW paragraph 2.1, at a level of detail sufficient for additional subsystems procurement in accordance with CDRL A001. All documentation shall conform to the current drawing package's use of nomenclature and format unless otherwise directed.

The Contractor shall design, conduct and provide test reports for all individual RF components, cables and wiring harnesses within each unit. This shall include capturing the performance characteristic of each part within the system (i.e. Amplifier power, saturation level, loss..). The Contractor shall also conduct an acceptance test in accordance with the requirements referenced in SOW paragraph 2.2. The contractor shall provide a summary of all test results with each system delivered in accordance with CDRL A002. The Contractor shall provide engineering and test support at the Government's Pt. Mugu facility for final checkout and systems integration.

3.2 HH Modulator Subsystem Upgrade. The Contractor shall prototype ten (10) upgrade HH Modulator subsystems. The subsystems shall be based on the requirements of the drawing package referenced in SOW paragraph 2.2 and incorporate additional design specifications and/or requirements provided by the Government. The Contractor shall propose an existing RF design repackaging, which increases modularity and allows for ease of troubleshooting and maintenance in accordance with CDRL A001. This design shall include, as possible, the incorporation of subassemblies within the RF section that can be mounted within a VME 3U-form factor. The Contractor shall analyze and research the use of alternate vendors, availability of parts, and manufacturing processes in order to reduce the cost and increase subsystems capability and upgradeability. The Contractor shall document any proposed design changes and obtain approval from the Government prior to subsystem fabrication in accordance with CDRL A001. Upon Government approval, the Contractor shall prototype ten (10) subsystems and update all design documentation to reflect the as-built configuration in accordance with CDRL A001. The Contractor shall generate documentation on a Government approved Contractor CAD/CAE system in accordance with paragraph 2.1, at a level of detail sufficient for additional subsystems procurement. All documentation shall conform to the current drawing package's use of nomenclature and format.

The Contractor shall design/conduct qualification tests and provide test reports for all configuration specific removable components/Circuit Card Assemblies (CCAs), cables and wiring harnesses within each unit in accordance with CDRL A001. When required, this shall include capturing the performance characteristic of each part within the system. The Contractor shall also conduct a qualification acceptance test in accordance with the requirement referenced in paragraph 2.2. The contractor shall provide a summary of all test results with each system delivered in accordance with CDRL A002. The Contractor shall provide engineering and test support at the Government's Pt. Mugu facility for final system checkout and integration when required.

3.3 AN/DPT-1 Modification. The contractor shall modify and test ten (10) AN/DPT-1 units as required by SOW paragraphs 2.2 and 2.3. Upon successful modification effort completion and Government CLIN release the Contractor shall modify an additional thirty (30) units. Qualification test data shall be provided for all units in accordance with CDRL A002.

3.4 AN/DLO-9 MIDI Pod Prototype. The contractor shall prototype ten (10) AN/DLO-9 MIDI Pods in accordance with the requirements of SOW paragraph 2.2. All mounting hardware and cabling/waveguide required to mount and interconnect the variant components shall be included in the delivery. Qualification test data shall be provided for all units in accordance with CDRL A002.

3.5 Universal Frequency Translator (UFT) Prototype. The contractor shall prototype ten (10) UFTs in accordance with the requirements of SOW paragraph 2.2. The Contractor shall perform drawing verification and validation to ensure producibility and maintainability. The Contractor shall test, and provide qualification test reports for the UFT using government provided test procedures in accordance with CDRL A002.

3.6 Technique Controller Modulator (TCM) Prototype. The Contractor shall prototype and qualification test five (5) TCM subsystems. The subsystem shall meet the requirements of the drawing package and

3 June, 2000

specification referenced in SOW paragraph 2.2. The Contractor shall perform drawing verification and validation to ensure producibility and maintainability. The Contractor shall document any proposed design changes and conduct a subsystem critical design review prior to subsystem fabrication in accordance with CDRL A001. Upon Government approval, the Contractor shall manufacture five (5) subsystems and update all design documentation to reflect the as-built configuration at a level of detail sufficient for additional subsystems procurement. The Contractor shall qualification test, and provide test reports for the TCM using test cards and procedures in accordance with CDRL A002. The contractor shall provide a summary of all qualification test results with each system delivered in accordance with CDRL A002. The Contractor shall provide engineering and test support at the Government's Pt. Mugu facility for final systems checkout and integration.

3.7 Technique Controller Modulator (TCM) Upgrade prototype. Upon TCM delivery per paragraph 3.6 and upon government final approval of TCM design changes, the Contractor shall prototype and conformance test thirty (30) TCM subsystems. The subsystem shall meet the updated drawing package requirements and specifications referenced in SOW paragraph 2.2. The Contractor shall perform drawing change verification and validation to ensure producibility and maintainability. Delivery schedules shall be determined prior to release of this CLIN.

3.8 AN/ALQ-167 Pod Fabrication. The contractor shall update the TDP and fabricate ten (10) AN/ALQ-167 Pods in accordance with the requirements of paragraphs 2.2 and of this SOW. All mounting hardware and cabling/waveguide required to mount and interconnect the variant components shall be included in the delivery. Test Data and TDP update shall be provided in accordance with CDRL A002 and CDRL A001.

3.9 Engineering/Computer Aided Drafting Support. The Contractor shall provide mechanical and/or RF/microwave engineering, and Computer Aided Drafting (CAD) in the development of new capabilities and/or upgrades of existing capabilities for. This level of effort shall be as required by the Government but shall not exceed 1,000 hours.

4.0 DELIVERY SCHEDULE. Work shall commence upon award of this task order based on CLIN activation by funding. The Contractor shall provide a proposed schedule for each CLIN prior to start of work.

The delivery schedule for each individual CLIN will be as follows:

CLIN 0001	Have Ham Modulator Subsystem	12 months after exercised
CLIN 0002	HH Modulator Subsystem Upgrade.	12 months after exercised
CLIN 0003	AN/DPT-1 Modification.	6 months after exercised
CLIN 0004	AN/DLQ-9 MIDI Pod Fabrication.	12 months after exercised
CLIN 0005	Universal Frequency Translator (UFT) Fabrication	6 months after exercised
CLIN 0006	Technique Controller Modulator TCM	12 months after exercised
CLIN 0007	Technique Controller Modulator (TCM) Upgrade fabrication	12 months after exercised.
CLIN 0008	ALQ-167 Pod fabrication	12 months after exercised.
CLIN 0009	Engineering/Computer Aided Drafting Support	6 months after exercised

Completion of work is scheduled for 27 months or date of Government acceptance of final delivery on all activated CLINs task order award.

5.0 SPECIAL CONSIDERATIONS

5.1 Technical Coordinator

The Technical Coordinator for this task order is:

Tom Williams

Code 539400B

NAWCWPNS, Pt Mugu

Telephone (805) 989-583-3538

8 June, 2000

Alternate Technical Coordinator:

Ben Rasnick
Code 539400B
NAWCWPNS, Pt Mugu
Telephone (805) 989-3538

5.2 Government Furnished Property

5.2.1 Drawings. The drawings listed in SOW paragraph 2.2 will be provided as Government Furnished Data (GFD) to the Contractor for the subsystems referenced in SOW paragraph 3.0. Any additional required data shall be identified by the Contractor during the course of work. The Contractor shall identify documentation that is maintained at the Contractor's facility.

5.2.2 Test Equipment. To reduce overall program costs the following specialized test equipment will be loaned on an as-required basis as Government Furnished Test Equipment (GFE) to the Contractor to support Contractor subsystem-level fabrication and testing efforts:

8328A Transmission Line Test Set
Manufacturer: Hewlett Packard
Quantity: 1

494P Programmable Spectrum Analyzer
Manufacturer: Tektronics
Quantity: 1

8672A Synthesized Signal Generator
Manufacturer: Hewlett Packard
Quantity: 1

436A Power Meter
Manufacturer: Hewlett Packard
Quantity: 1

5.3 Security Classification. UNCLASSIFIED

Travel. Non-local travel may be required in the performance of this delivery order to participate in technical interchange meetings and to research/gather technical information at Point Mugu. Attendance at Technical Interchange and Research Meetings on site at Pt. Mugu, CA is required within 72 hours of initial government request. Travel estimates shall be based upon a maximum of 18 trips for three (3) people to Pt. Mugu, CA.

5.4 Reports. In support of this task order, the Contractor shall deliver a monthly Cost, Schedule and Status Report (C/SSR) in accordance with the first CLIN C/SSR requirement. In accordance with CDRL A003. The Contractor will deliver a monthly status report that includes a summary of work performed, problems encountered, problems resolved, current schedules and information, including period and cumulative funds/hours expended. This report will be provided to the Technical Coordinator no later than 10 working days following the end of the Contractor's monthly accounting period.

(2 Data Items)

OMB No. 0704-0183

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering the data, reviewing the collected data, completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Send completed form to the Government Issuing Contracting Office for the Contract PHS No. N01-CD-3-80-0001.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY	
D. SYSTEM / ITEM		E. CONTRACT/PR NO.		F. CONTRACTOR	
Seaborn Integrated Control System (SICS)		N68936-99-D-0029,30,31		G. SUBTITLE	
1. DATA ITEM NO.		2. TITLE OF DATA ITEM		3. SUBTITLE	
A001		Revisions to Existing Government Documents		Redlined Dwgs & Procedure Mods	
4. AUTHORITY (Data Acquisition Document No.)		5. CONTRACT REFERENCE		6. REQUIRING OFFICE	
DI-ADMIN-80925		SOW Para 3.1,3.2,3.6 & 3.8		NAWCWD CODEB 539400E	
7. DD 250 REQ		9. DIST STATEMENT REQUIRED		10. FREQUENCY	
LT		See Block 16		ONE/R	
11. APP CODE		12. DATE OF FIRST SUBMISSION		13. DATE OF SUBSEQUENT SUBMISSION	
A		0		45 DARO	
14. DISTRIBUTION		15. ADDRESSER		16. COPIES	
Draft		Final		Final	

16. REMARKS

Block 9: Distribution statement will be the same as that of the document being revised.

Block 13: The Government will review draft revised document and provide review comments, if any, to the Contractor. The Contractor will incorporate review comments and provide final revised document within 10 days.

[illegible]

Block 4: Report shall consist of completed data sheets which are generated using the documents listed in SOW para 2.2.

Block 9: Use: "Distribution Statement A: Approved for public release; distribution is unlimited."

Blocks 12, 13 and 14: Submit one completed data sheet with each unit shipped showing all test results.

G. PREPARED BY		H. DATE		I. APPROVED BY		J. DATE	
Naval Air Warfare Center Weapons Division Point Mugu, CA 93042-5001		6/6/00		Kathryn A. Teasdale, DRRB		6/6/00	

DD Form 1432-2 JUN 99

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)

Approved
OWB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering the data, reviewing the collected information, completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Send completed form to the Government Issuing Contracting Officer for the Contract No. Named in Block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY
TDP TM OTHER **X**

D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR
Seaborn Integrated Control System (SICS) N68936-99-D-0029,30,31

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
A003 Program Progress Report

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
DI-MGMT-80555 (see Blk 16) SOW Para 5.4 NAWCWD

7. DD 250 REQ 8. APP CODE 9. DIST STATEMENT REQUIRED 10. FREQUENCY 11. AS OF DATE 12. DATE OF FIRST SUBMISSION 13. DATE OF SUBSEQUENT SUBMISSION
N/A N/A N/A MTHLY 0 BOM + 5 DAYS

14. DISTRIBUTION
a. ADDRESSEE b. COPIES
Draft Reg Final
NAWCWPNS
POINT MUGU, CA
93042-5001
539400E
Attn: T. Williams
See Block 16
NAWC 220000E
NAWC 535D00D
14. TOTAL 0 3 0

Block 4: Submission of this report by electronic mail is preferable.

Block 14: WilliamsTH@navair.navy.mil

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
NAWCWD

7. DD 250 REQ 8. APP CODE 9. DIST STATEMENT REQUIRED 10. FREQUENCY 11. AS OF DATE 12. DATE OF FIRST SUBMISSION 13. DATE OF SUBSEQUENT SUBMISSION

14. DISTRIBUTION
a. ADDRESSEE b. COPIES
Draft Reg Final
14. TOTAL

INTENTIONALLY LEFT BLANK

G. PREPARED BY Naval Air Warfare Center Weapons Division Point Mugu, CA 93042-5001 H. DATE 6/6/00 I. APPROVED BY Kathryn A. Teasdale, DRRB J. DATE 6/6/00

17. Price Group
18. Estimated Total Price

17. Price Group
18. Estimated Total Price

DATA ITEM DESCRIPTION		Form Approved GSA FPMR (41 CFR) 101-11.6	
2. TYPE PROGRAM PROGRESS REPORT		1. IDENTIFICATION NUMBER DI-RG/5-80555	
3. DESCRIPTION/PURPOSE 3.1 The Program Progress Report provides the Government with the means to evaluate and monitor the progress made by the Contractor of tasks in accomplishing the goals established for the program.			
4. APPROVAL DATE (YYMMDD) 880330	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/T213	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract. 7.2 This DID is applicable when the monitoring of the progress of a program is required on a periodic basis. 7.3 This DID supersedes DI-P-5009A, DI-P-5036A, and DI-A-5023.			
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMIC NUMBER 64365	
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . The Program Progress Report shall be in contractor's format. 10.1.1 <u>Title page</u> . The title page shall contain the following: 10.1.1.1 <u>Title</u> . The title shall identify the subject of the report, program name, or task. 10.1.1.2 <u>Name of contractor</u> . The name of the contractor preparing the report. 10.1.1.3 <u>Contract number</u> . The procurement instrument identification number. 10.1.1.4 <u>Key person</u> . The individual assigned to the task or who produced the report. 10.1.1.5 <u>Reporting Period</u> . The dates the reporting period begins and ends. 10.1.2 <u>Page size</u> . The report shall be on 8 1/2 x 11 inch or metric size A4 paper and typewritten or otherwise duplicated in nonfading ink. 10.2 <u>Content</u> . The report shall contain the following: 10.2.1 <u>Work summary</u> . A brief summary of work performed during the reporting period providing positive or negative comments. <div style="text-align: right;">(Continued on page 2)</div>			
11. DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A</u> : Approved for public release; distribution is unlimited.			

Block 10, Preparation Instructions (Continued)

10.2.2 Schedule. A statement as to whether task or program is on schedule and if not, efforts planned to meet schedule shall be explained.

10.2.3 Studies. Discussion of all studies conducted during the reporting period and the results.

10.2.4 Experimental work/test procedures. An explanation of experimental work accomplished, description of test procedures applied (cite applicable military specification, paragraph number and test parameters), results of test and conditions determined.

10.2.5 Designs. A description and illustration of all designs produced, along with required changes made to a previous design and a brief statement of any problems encountered.

10.2.6 Test equipment. Description, nomenclature and serial number of all test equipments used on the project including appropriate schematic or block diagrams.

10.2.6.1 List the serial number of all equipment(s) subjected to the testing.

10.2.6.2 Provide a brief description of all special test equipment designed or constructed for use on the project including appropriate schematic or block diagrams.

10.2.7 Test performed. Identification and description of all test(s) performed (cite applicable military specification, paragraph number, and test parameters).

10.2.7.1 Provide control settings of the test sample.

10.2.7.2 Resolutions of measurement equipment and range of input signals.

10.2.8 Failures. A brief explanation of any failures associated with test and appropriate photographs, sketches, etc. to show failures, their causes or other unusual conditions.

10.2.9 Difficulties/problems. Describe any difficulties or problems encountered or which previously existed which could alter the progression of work along with recommendations of resolution.

10.2.10 Plan. Steps followed during execution of tasks.

10.2.11 Completion dates. Projected completion dates for each task.

10.2.12 Percentage. Percentage of task completed to date and percentage of allocated funds expended on tasks.

10.2.13 Additional information. Other information which may cause a significant change in the work schedule.

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

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1. TITLE

TEST/INSPECTION REPORT

2. IDENTIFICATION NUMBER

DI-NDTI-80809B

3. DESCRIPTION/PURPOSE

3.1 The test/inspection report is used to document test/inspection results, findings, and analyses that will enable the government or contracting agency to evaluate compliance with system requirements, performance objectives, specifications, and test/inspection plans.

4. APPROVAL DATE
(YYMMDD)
970124

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)
F/AFMC-DOP

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is applicable to engineering (developmental), preliminary qualification, qualification, and acceptance testing.

7.3 This DID supersedes DI-NDTI-80809A and DI-MISC-80653.

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

F7231

10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable. Organize the information required by paragraph 10.2 and its subparagraphs in a manner that facilitates presentation and understanding

10.2 Content. The test/inspection report shall contain the following information, as applicable.

10.2.1 Cover and title page. The following information shall appear on the outside front cover and title page:

- Report date.
- Report number (contractor or government)
- Contractor's name, address, and commercial and government entity code.
- Contract number and contract line item number or sequence number (if applicable).
- Type of test/inspection (for example, first article acceptance test, quality conformance inspection, developmental test, qualification test, environmental test).
- Identification of item tested/inspected.
- Date or period of test/inspection.
- Name and address of requiring government activity.
- Security classification, downgrading and declassifying information, if applicable.

(Continued on page 2)

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

Block 10, Preparation Instructions (continued)

10.2.2 Table of contents. The table of contents shall identify the following:

- a. The title and starting page of each major section, paragraph, and appendix of the report.
- b. The page, identifying number, and title of each illustration (for example; figure, table, photograph, chart, and drawing).

10.2.3 Introduction. The introduction shall include the following information:

10.2.3.1 Test/inspection objective(s). The specific test/inspection objective(s) as specified in the contract tasking document.

10.2.3.2 Item(s) tested/inspected. Complete identification of the item(s) tested/inspected including the following:

- a. Nomenclature.
- b. National stock number.
- c. Model number, part number, and serial number
- d. Type of item (for example, prototype, production item, laboratory model).
- e. Serial or lot number.
- f. Applicable engineering changes.
- g. Production item specification, if applicable.
- h. Date of manufacture.

10.2.3.3 Test/inspection requirements. Complete identification of the test/inspection requirements correlated to contractual requirements including the following:

- a. Required test/inspection parameters.
- b. Performance requirements, acceptance or compliance limits, and environmental criteria.

10.2.4 Summary. Complete test/inspection report summary including the following:

- a. A brief discussion of the significant test/inspection results, observations, conclusions, and recommendations covered in greater detail elsewhere in the report.
- b. Proposed corrective actions and schedules for failures or problems encountered.
- c. Identification of deviations, departures, or limitations encountered, referenced to the contract requirements.
- d. Tables, graphs, illustrations, or charts as appropriate to simplify the summary data.

10.2.5 Reference documents. Complete identification of all documents referenced in the test/inspection report including the following, as applicable:

- a. Prior test/inspection reports on the same item.
- b. Test/inspection plans and procedure documents.
- c. Prior certifications of compliance.
- d. Contractor's file designation where test/inspection records are maintained.
- e. Input parameters used.

The applicable issue of the documents cited therein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be 10.2.6 Body of report. The body of the test/inspection report shall be as follows:

10.2.6.1 Test equipment identification. Complete identification of each item of test equipment used in the test/inspection including the following:

- a. Nomenclature.
- b. Model number.
- c. Serial number.
- d. Manufacturer.
- e. Calibration status.
- f. Accuracy data.
- g. Comments, if applicable.

10.2.6.2 Test/inspection facility installation and set-up. Complete description of the physical set-up used in conducting the test/inspection to include the following:

- a. Location or orientation of the item.
- b. Location, orientation, or settings of test equipment and instrumentation.
- c. Location, orientation, or settings of sensors and probes.
- d. Location or orientation of interconnections, cables, and hoop-ups.
- e. Electrical power, pneumatic, fluidic, and hydraulic requirements.

Drawings, illustrations, and photographs may be used for clarification.

10.2.6.3 Test/inspection procedures. Complete description of the procedures used in conducting the test/inspection to include the following:

- a. Item selection and inspection that verified suitability for test/inspection.
- b. Summarized sequence of testing/inspection steps, including a description of how the item was operated during the test/inspection, and any control conditions imposed.

10.2.6.4 Test/inspection results and analysis. A copy of all test/inspection results and analysis to include the following:

10.2.6.4.1 Recorded data. The actual recorded data (for example, log book entries, oscillographs, instrument readings, plotter graphs). If the recorded data is extensive, provide it in an appendix.

10.2.6.4.2 Test/inspection results. Identification of all test/inspection results to include the following:

- a. Matrices comparing results achieved against test/inspection objectives or requirements.
- b. A discussion of these matrices as to their significance, and how they compare to any prior test/inspections.
- c. Calculation examples.
- d. Discussion of anomalies, deviations, discrepancies, or failures, including their impact, causes, and proposed corrective actions. The discussion shall address discrepancies between design requirements and the tested/inspected configuration.

10.2.6.5 Conclusions. Test/inspection conclusions distinguished between objective and subjective to include the following:

a. The effectiveness of the test/inspection procedures in measuring item performance.

- b. The success or failure of the item to meet required test/inspection objectives.
- c. The need for repeat, additional, or alternative tests/inspections.
- d. The need for item redesign or further development.
- e. The need for improved test/inspection procedures, techniques, or facilities.
- f. The adequacy and completeness of the test/inspection requirements.

10.2.6.6 Recommendations. Recommendations appropriate to the test/inspection results and conclusions including the following:

- a. Acceptability of the item tested/inspected (pass or fail).
- b. Additional testing/inspection required.
- c. Redesign required.
- d. Problem resolution.
- e. Test/inspection procedure or facility improvements.
- f. Disposition of items tested/inspected.
- g. Documentation changes required.
- h. Testing/inspection improvements.

10.2.7 Authentication. The following certifications shall be included, as applicable:

10.2.7.1 Authentication of test/inspection results. A statement that the test/inspection was performed in accordance with applicable test/inspection plans and procedures, and that the results are true and accurate. The authentication shall include the signature of the contractor personnel that performed the test(s)/inspection(s), a contractor representative authorized to make such certification, and any government witnesses.

10.2.7.2 Authentication of prior validation. A statement identifying those requirements not tested/inspected or measured that were previously validated. Include identification of the data and method employed for such validation (for example, prior test/inspection, analytical verification, equivalent item, and so on). The authentication shall include the signature of a contractor representative authorized to make such authentication and any government witness.

10.2.7.3 Authentication of acceptability. A statement that the item tested/inspected either passed or failed item acceptability requirements. This authentication shall include the signature of a contractor representative authorized to make such authentication and any government witness.

10.2.8 Appendices. Appendices shall be used to append detailed test/inspection data, drawings, photographs, or other documentation too voluminous to include in the main body of the report. This includes referenced documentation not previously provided by the government, and test/inspection reports from any associated test/inspection activity that may have performed some of the testing/inspecting requirements.

End of DI-80809

DATA ITEM DESCRIPTION

Form Approved
GSA GEN. REG. NO. 27

2. 15

REVISIONS TO EXISTING GOVERNMENT DOCUMENTS

1. IDENTIFICATION NUMBER

DI-ADMN-80925

3. DESCRIPTION/PURPOSE

3.1 This Data Item Description provides revisions to existing Government documents.

3.2 The revisions provide (updated) content data and are formatted in the same format as the original Government document.

4. APPROVAL DATE
(YYYYMMDD)

900105

5. OFFICE OF PRIMARY RESPONSIBILITY (OCR)
A/AMSC/SAOCR

6a. DTIC AFFILIABLE

6b. GIDEP AFFILIABLE

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID should be applied when an existing Government document requires updating using the content and format requirements as delineated in the existing Government document.

(Continued on Page 2)

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

A4866

10. PREPARATION INSTRUCTIONS

10.1 Format. The format requirements of the Revisions to Existing Government Documents shall be the same format requirements as delineated in the basic Government document being revised.

10.2 Content. The content requirements of the Revisions to Existing Government Documents shall be the same content requirements as delineated in the basic Government document being revised.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

APPLICATION/INTERRELATIONSHIP (Continued)

7.3 This DID should not be applied when the updating of an existing Government document requires a new format or additional content requirements.

7.4 The solicitation and contract must specifically identify (e.g., title, number, revision level, date, etc.) the existing Government document which is to be updated.

7.5 This DID may be applied in any solicitation or contract and during any acquisition phase.
